

3/7/02

1/7/1

DIALOG(R) File 351:Derwent WPI
(c) 2002 Derwent Info Ltd. All rts. reserv.

003216639

WPI Acc No: 1981-77197D/ 198142

Wrapping paper micro-creping unit - has hard heated roll with edges of greater diameter than centre part

Patent Assignee: MARIINSK PAPER PULP (MARI-R)

Inventor: KUZNETSOV E A; NOVIKOV V I; RYABKOV A V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 797911.	B	19810123				198142 B

Priority Applications (No Type Date): SU 2541445 A 19771129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 797911	B		2		

Abstract (Basic): SU 797911 B

The physico-mechanical properties of creped paper for wrapping are improved by eliminating wrinkling of the web when entering the nip of microcreping rolls. This is ensured by the larger diameter of the heated roll at the edges compared with the roll centre. The size difference depends on the hardness and thickness of the elastic coat of the roll, ratio of speeds of the two rolls and their contact pressure.

The heated roll (1) is hard and smooth while roll (2) has an elastic layer 25-30mm thick and exhibiting a hardness of 40-45 on Shore scale. Its speed is slightly less than that of roll (1). Bul.3/23.1.81. (2pp Dwg.No.1)

Derwent Class: F09; P72

International Patent Class (Additional): B31F-001/12

BEST AVAILABLE COPY